

## ADAPTIVE COMMUNICATION APPLICATION PROGRAMMING INTERFACE

**Mingtse Chen**  
**Anil K. Annadata**  
**Leon Chan**

### Abstract

A method and apparatus for inter-module communication is disclosed. The method includes defining a command definition, wherein the command definition comprises commands for interfacing with a multi-channel, multi-media, communication queuing system. The command definition can include, for example, driver object commands to request media type lists and command event lists, create drivers, request service, and release drivers. The command definition can also include, for example, service object commands to release service objects, notify when handling of an event is complete, invoke commands, release work items, suspend work items, resume work items, handle queued events, and cancel queued events. The command definition can also include, for example, client object commands to start a work item, release work items, save work item contexts, restore work item contexts, serialize work items, free work item storage, begin batch processing, and end batch processing.